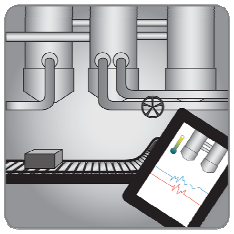

USER'S MANUAL

SE Reports FT Version
SE Reports Logger Version

www.mySCADA.org
SPEL Corp.

May, 2011

REVISION SHEET

Release No.	Date	Revision Description
Rev. 0	20.8.2010	User's Manual
Rev. 1	26.4.2011	Added version for SE Logger

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1. GENERAL INFORMATION

1.1. Authorized Use Permission

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1.2. Points of Contact

1.2.1. Information

This software and this manual are the property of SPEL, Corp.
Headquarters: Třídvorská 1402, 280 02 Kolín 5
Branch office: Týnská 21, 110 00 Prague 1
For general questions, please, contact your nearest distributor. List of distributors can be found at our web pages www.myscada.org. You can also send us an e-mail at info@myscada.org.

1.2.2. Coordination

This software may need coordination with Rockwell Automation and Microsoft - used by software. This coordination is described below.

1.2.3. Help Desk

For technical support, please, go to the www.myscada.org section SUPPORT. Here you can submit a ticket.
You can also use e-mail support@myscada.org to get support. If using e-mail, please, write product name into subject. Also provide as much detail as possible so we can best assist you.

2. INTRODUCTION

SE Reports is an application for viewing, processing and analysis of data records (data-loggers). The program is distributed in two versions: SE Reports FT Version (as an standalone addition to the program FactoryTalk View and FactoryTalk View SE of Rockwell Automation Company) and SE Reports Logger Version (for use with the unit SE Logger).

3. REQUIREMENTS

Application can run on all major operating systems. Tested were:

- Windows 2000
- Windows XP
- Windows 7
- Mac OS Leopard
- Mac OS Snow Leopard
- Linux (Ubuntu)

Remark: At this time, the Import function is supported on windows platform only. This feature is not available at the SE Reports Logger Version.

For the SE Reports FT Version:
To use full potential of the reporting possibilities, the trending in RSView SE must be configured to write data to database. Supported database is the Microsoft MS SQL database. MS SQL Express database can be purchased for free. Installation media for RS View SE includes installation of this database. Please look at the section "Database installation" and "Trends in RS View".

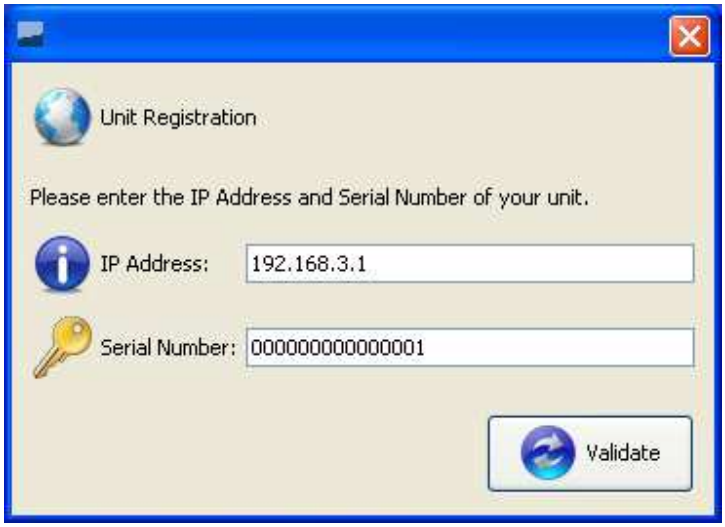
4. PROGRAM INSTALLATION

For MS Windows:
Application is distributed as installation program. Installation is executed by double clicking the file Setup.exe. After that, please, follow the on screen instructions.

For other operating systems:
Please contact us at info@myscada.org for the possibility of installation on other systems than windows. Please don't forget to mention your operating system including the version.

4.1. Unit Registration (SE Logger Only)

After installing the program, you must register unit SE Logger. It is necessary to know its IP address and serial number.



In the first row, enter the IP address of the unit and the second line type the serial number SE Logger. Click Validation.

5. INSTALLATION OF MS SQL EXPRESS DATABASE

(for the SE Reports FT Version only)

Installation of MS SQL Express database is described on web pages Rockwell Automation (Answer ID 48313).

The basic installation of the database is not installed. Install using the provided batch file "SQL Server Install.bat" you can found it in the "Redist" directory (short for Redistribution) “/FT View SE/5.00.00.xx/Redist/SQLServer2005”

Description of the files:
SQL Server Install.bat – installation file
SQLEXPR32.EXE - SQL Server
SQLServer2005_SSMSEE.msi - MS SQL Server Management Console database management (not necessary).

If you do not have the FactoryTalk View installation CD available or prefer to download the installation from Microsoft, you may do that as well.

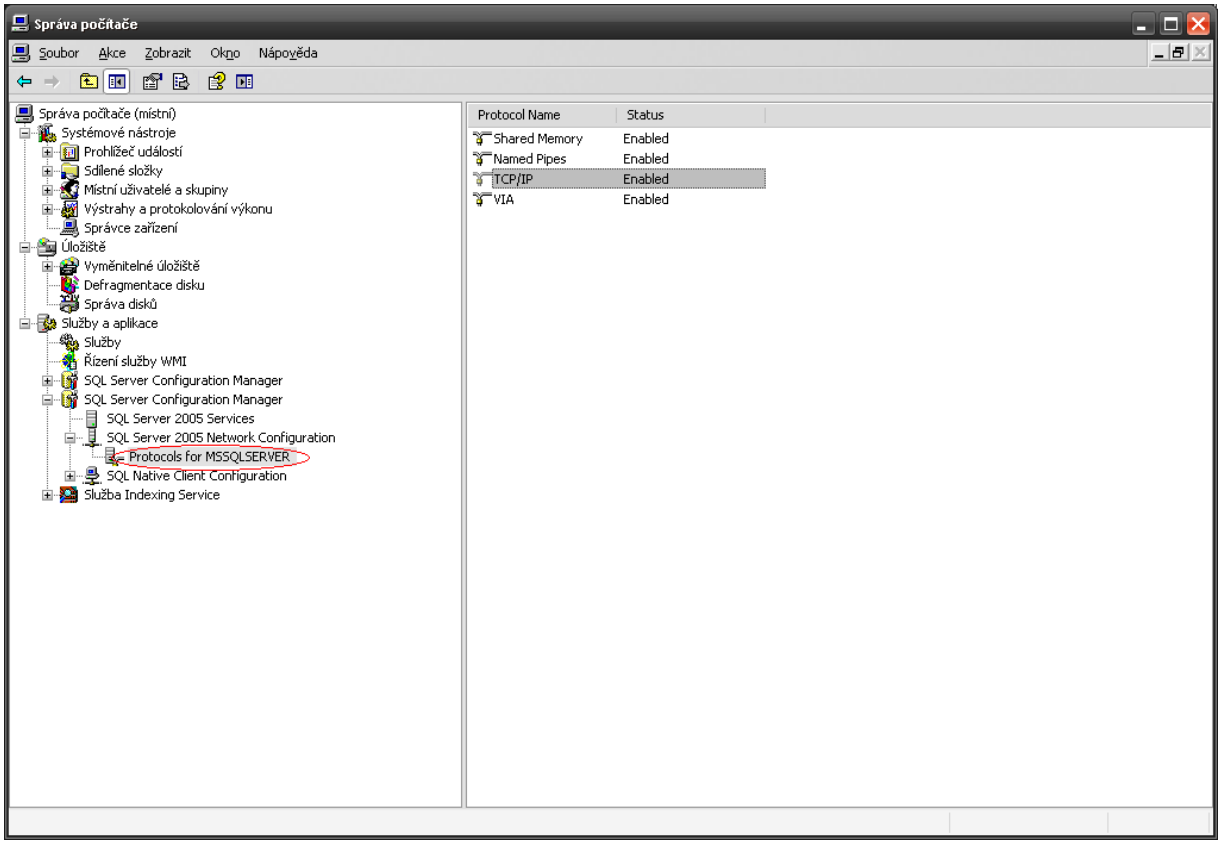
You may download and install the basic SQL Express installation.
The full install file of SQL Express with Advanced Services (including the Management Console) is about 260MB.

Note: should you install MS SQL Express by any other means than the batch file included on the FactoryTalk View SE installation CD, you must make sure that your Server Authentication is set to mixed mode (SQL Server and Windows Authentication mode). See related technote 48311 for more information.

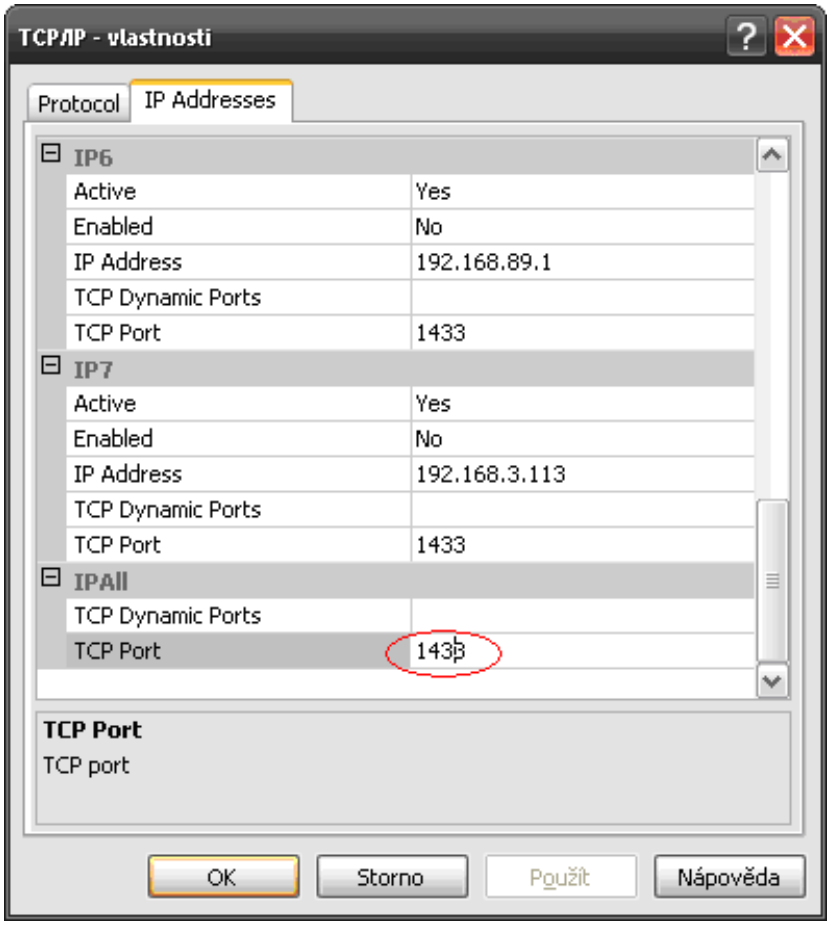
5.1. PC SET MS SQL Server

5.1.1. Finding the instance name or port number

Instance name
Right-click My Computer and select Manage to open a dialog where you can find the instance name:

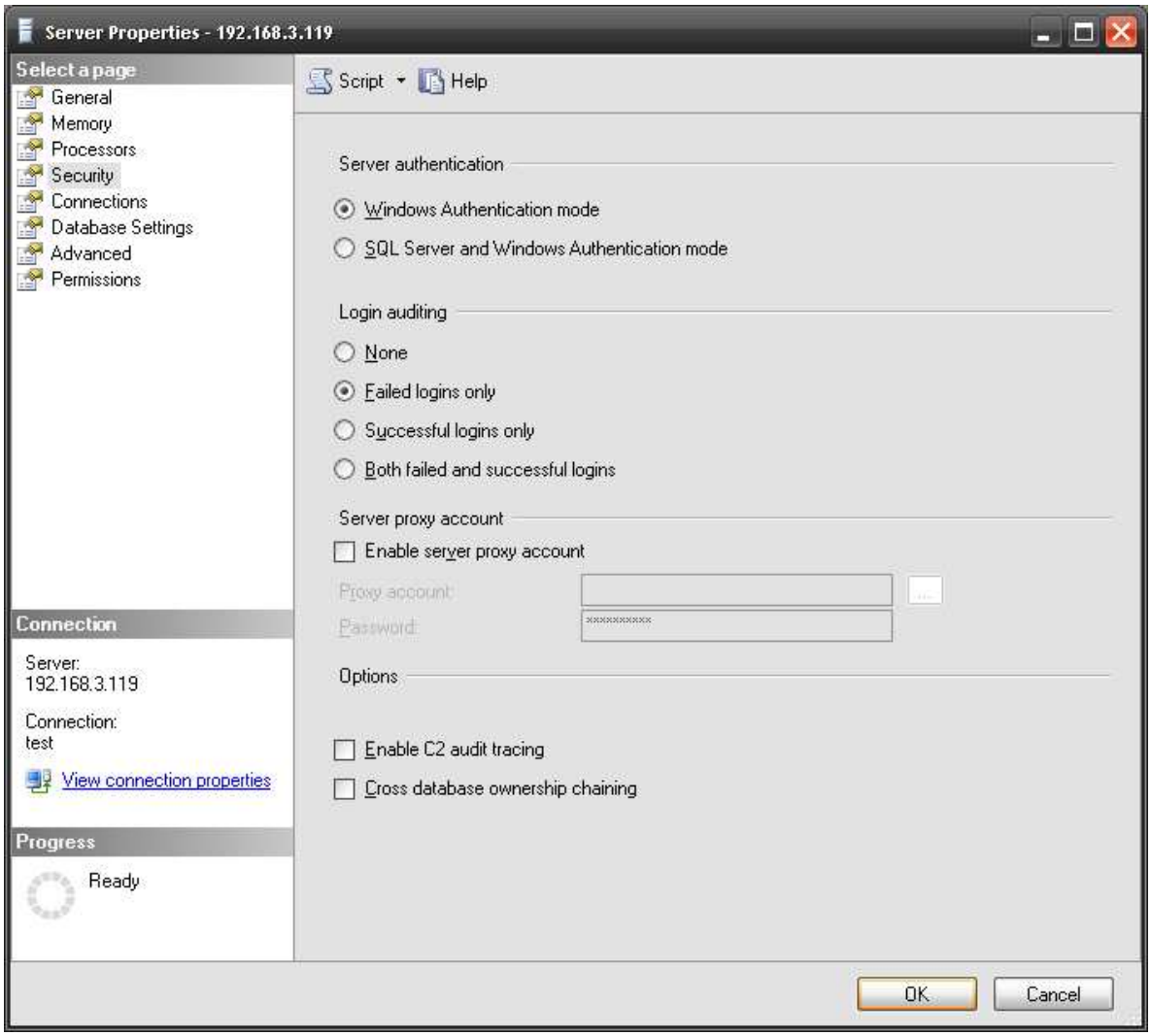


Port number
The port on which the database communicates (and which you need to enter the settings Viewer) we find the following:
On the computer where the database is located, open the **Start menu - Control Panel - Administrative Tools - Computer Management - Services and Applications - SQL Server Configuration Manager - SQL Server 2005 Network Configuration - Protocols for "The Name of the instance of SQL - TCP / IP**
On the tab "IP addresses "in the "IPAll" is at "TCP port" entered the port number.



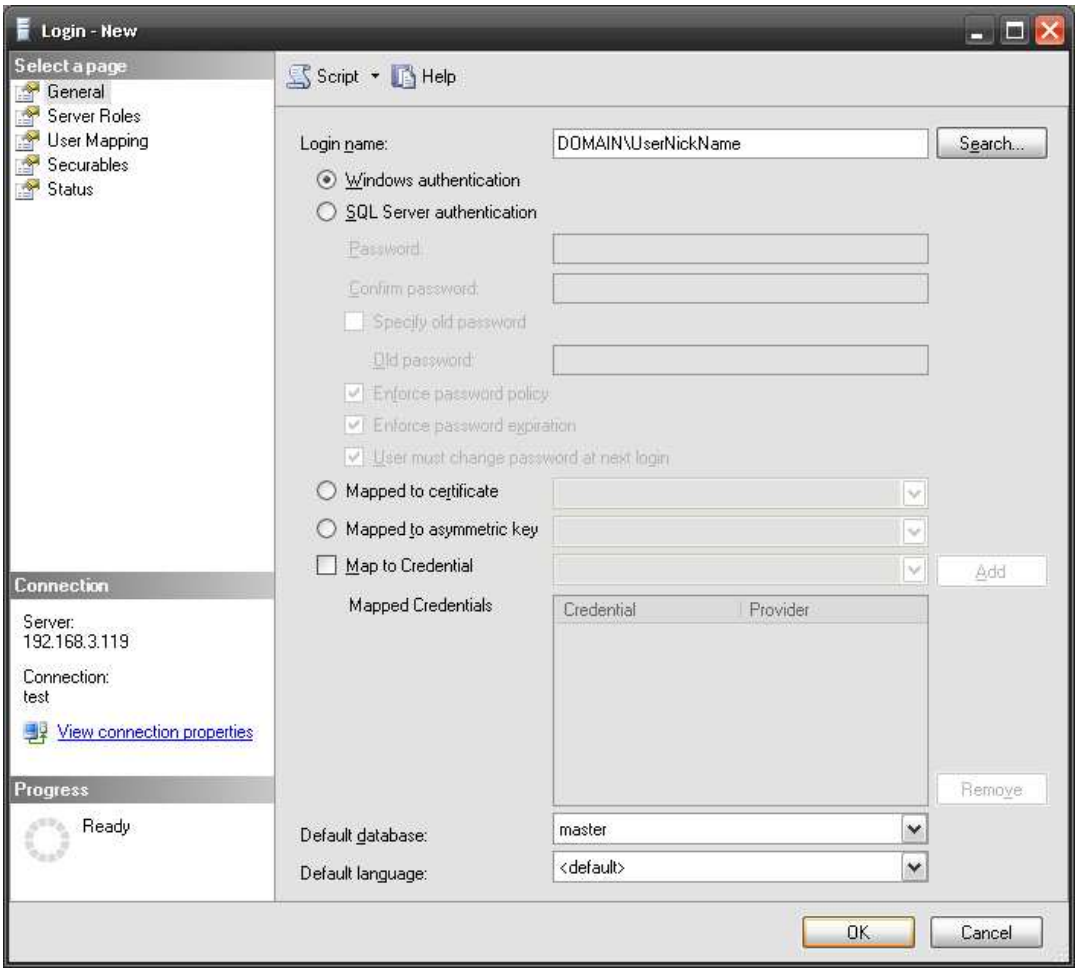
5.1.2. Set the type of authentication

To change the SQL Server runs MS SQL Management Studio. Right click on the desired server and select Properties -> Security. By default after installing the server is only allowed Windows Authentification, if necessary, to enable the SQL Server Authentification.



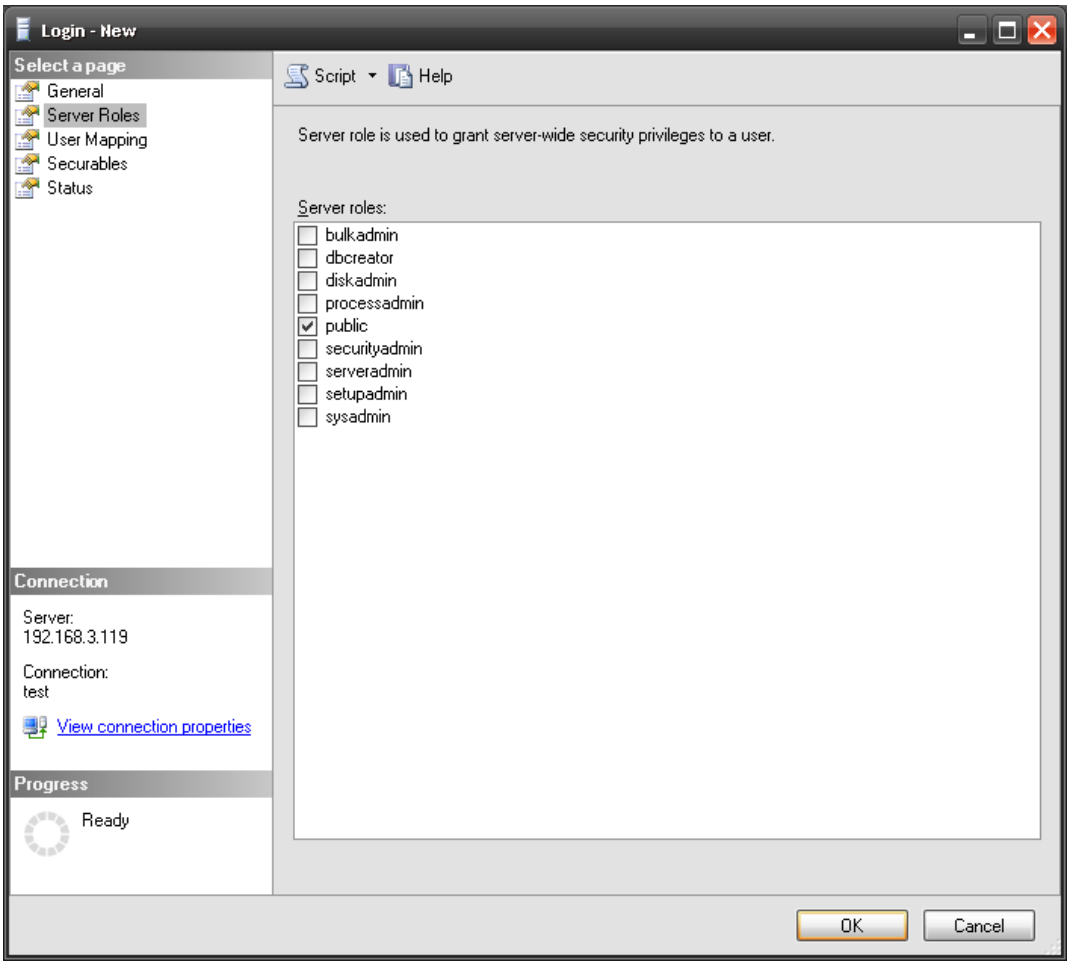
Settings for Windows auth

To connect you must register in the SQL Server domain user.
Again click on the desired server -> Security -> Logins. Then click the right mouse button and selecting New Login -> General.



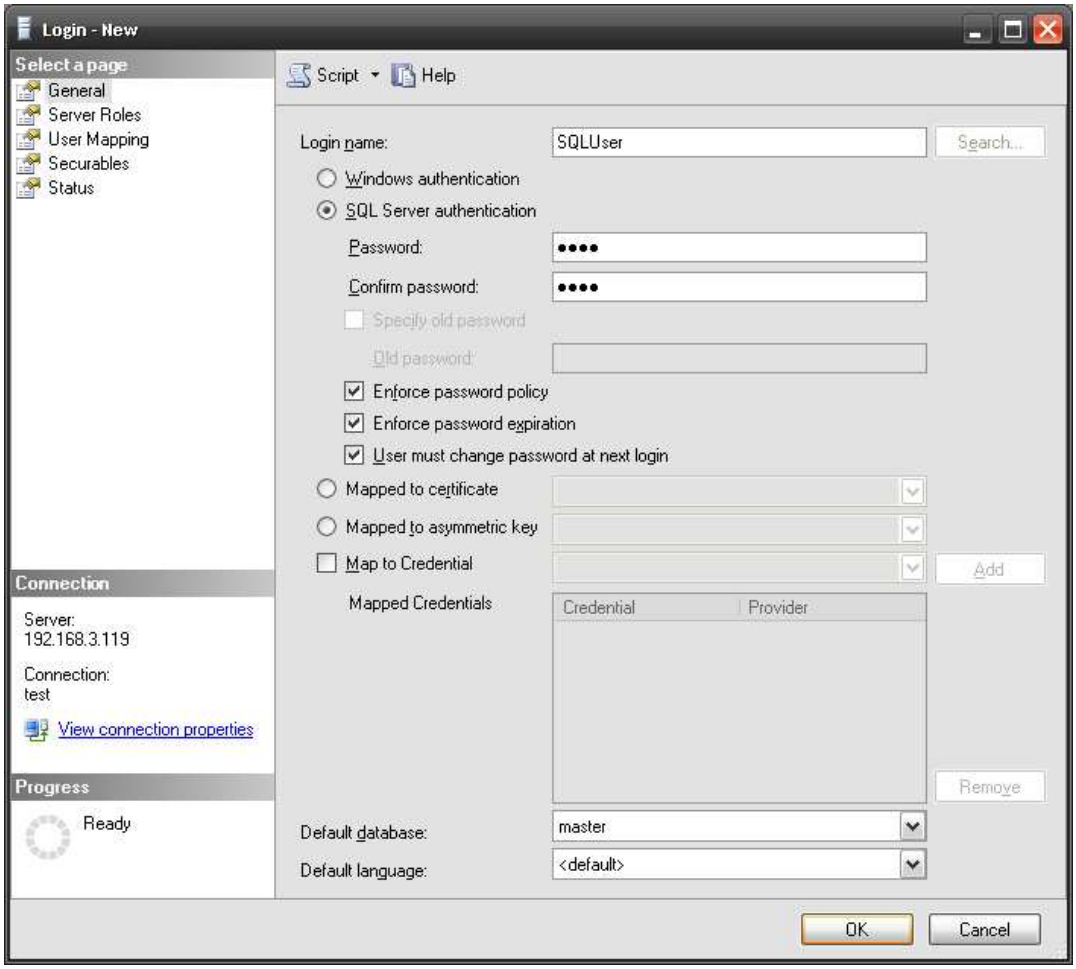
Tick Windows Authentication. Enter login name, which is composed of a domain name and user name (if you do not know, ask your network administrator). Then click OK.

For registered users it is necessary to set permissions. Click the Server Roles and check "public" and click OK.



5.1.3. Setting for SQL Server auth

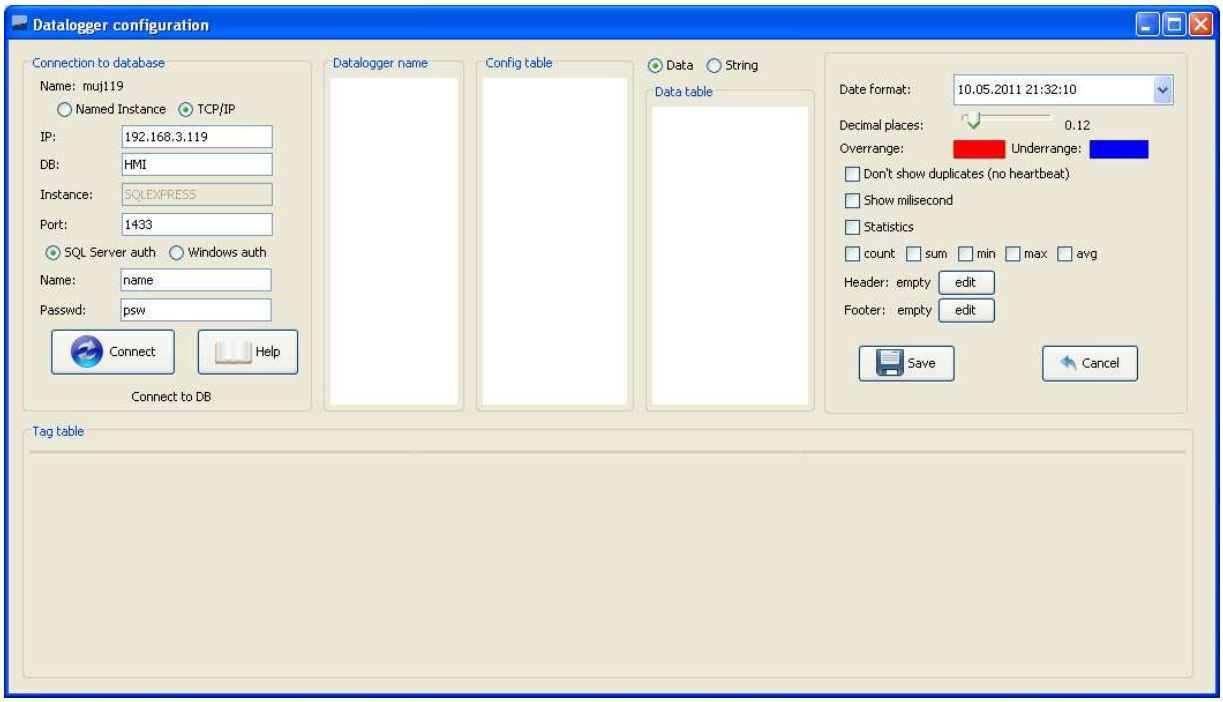
For connection, you must create a SQL Server user. In order to create it, we need to set permissions.
Right click on the desired server and select Properties -> Security. By default after installing the server is only allowed Windows Authentification, in this case, enable the SQL Server authentification.



Specify any login name and password.
Click the Server Roles and check "public" and click OK.

5.2. Connection to MS SQL Server

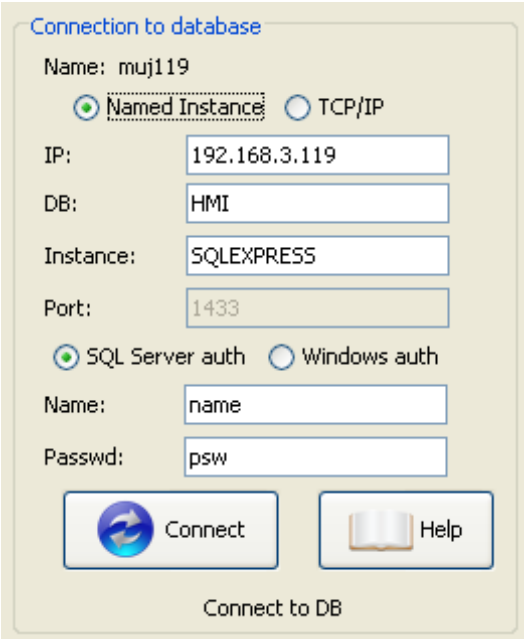
For connection is necessary to set the connection between the operator PC and MS SQL Server. Click on the Report / Edit to open the editing window.

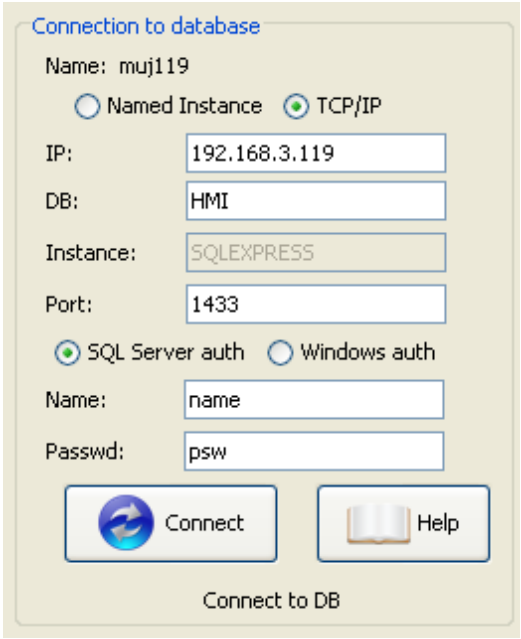


1) Specification of data sources

For connection, you must specify the data source pane, the panel is connected to the database:
You can specify the database instance name or port number. Type by choosing the instance determine instance name / TCP / IP:

IP	IP address of a computer with MS SQL Server
DB	Database Name
Instance	instance name
Port	port of instance





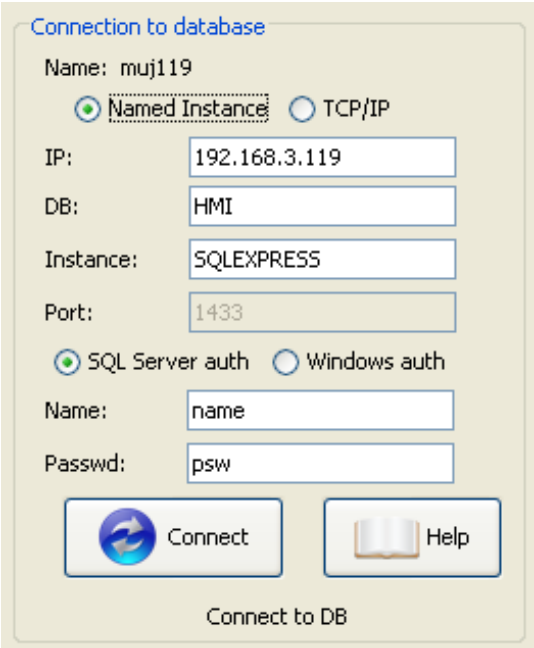
Name and password must be entered the same as in Chapter 1.3 Setting the SQL Server auth (p. 6).

2) Authentication type

Authentication type connection to the database, select the SQL Server auth / Windows auth.

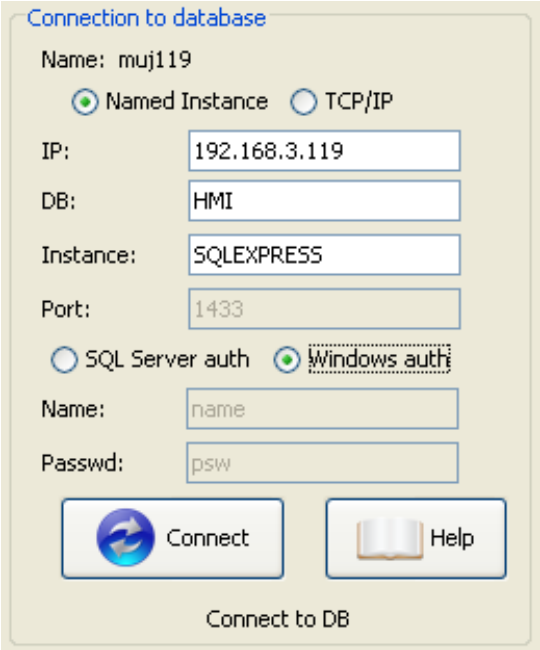
SQL Server auth
The selection of the SQL Server auth requires a user name and password (see chapter 1.2 Authentication Type setting - page 3).

Name – Enter username
Password - user password



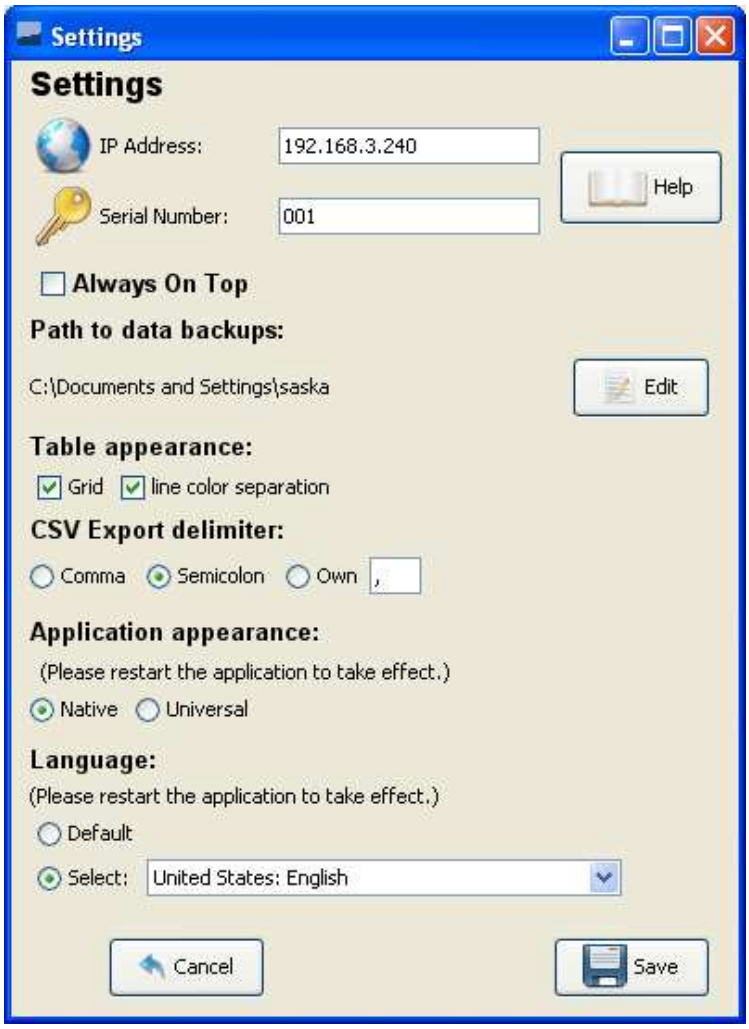
Windows auth

The selection of windows auth is necessary that a user is logged into the same domain as the computer operator with MS SQL Server.



5.3. CONNECTING TO THE Logger

To connect to the logger unit, you must set the parameters of the opening Applications - Settings.

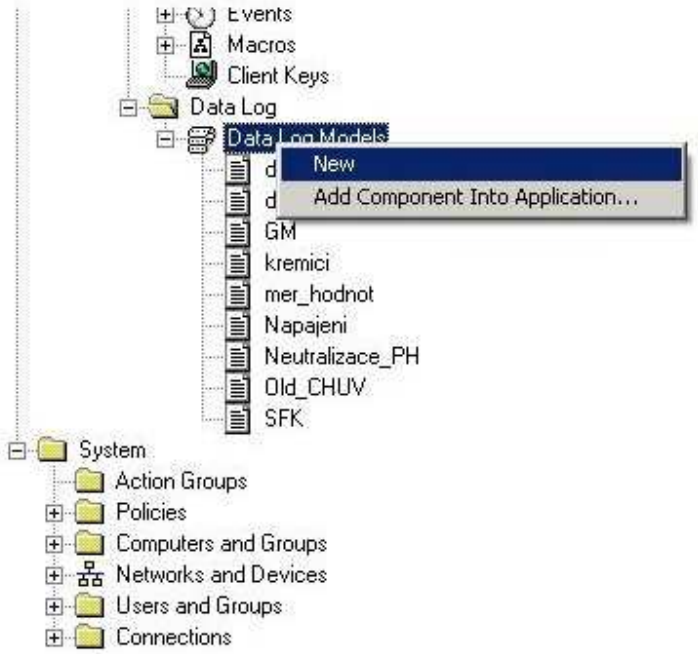


IP adress	IP adress unit SE Logger
Serial number	unique serial number of the unit Logger

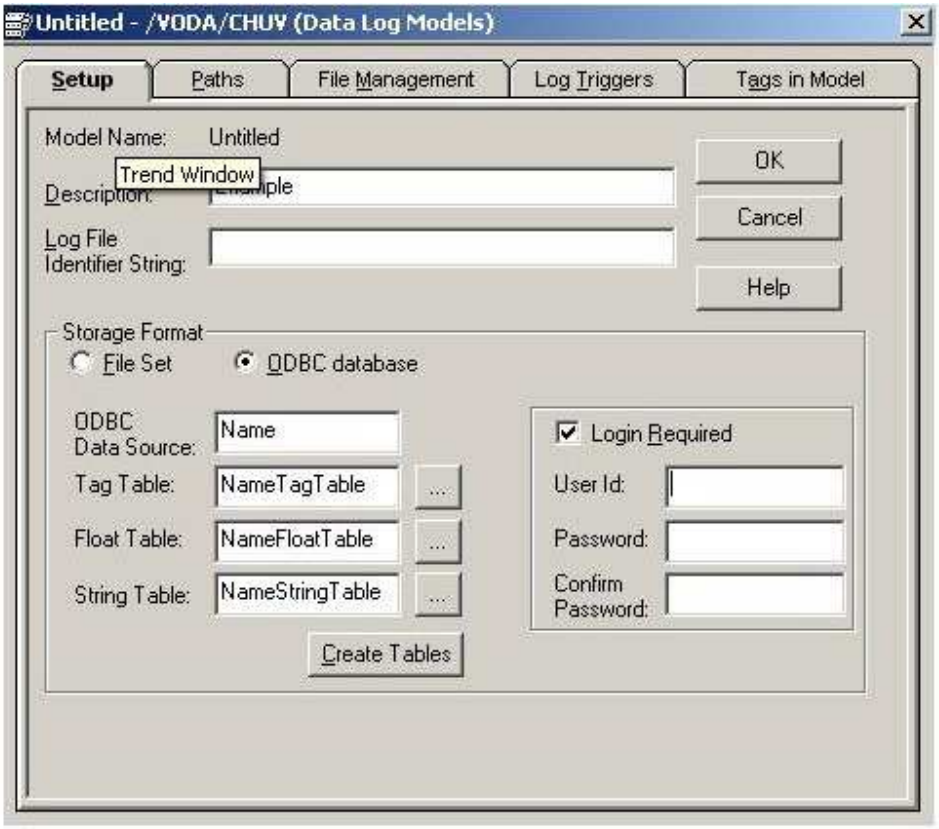
6. TREND CREATION IN RSView AND RSViewSE FOR DATABASE LOGGING

(for the SE Reports FT Version only)

This is an short description, for detailed information about trending and its possibilities, please, consult the RSView manual.
Datalogger creation:
In the root of project locate the section "Data Log". The uppermost section is the "Data Log Models" section. Click on this section by right mouse button. Menu is shown, click on "New".



You will see new window:



into field "description" write any text.
In Storage Format section, mark the "ODBC Database" and fill in into

ODBC Data Source	meaningful datalogger name (here Name)
Tag Table	previously filled datalogger name + "TagTable" (here nameTagTable)
Float Table	previously filled datalogger name + "FloatTable" (here NameFloatTable)

mark "Login Required" a fill in

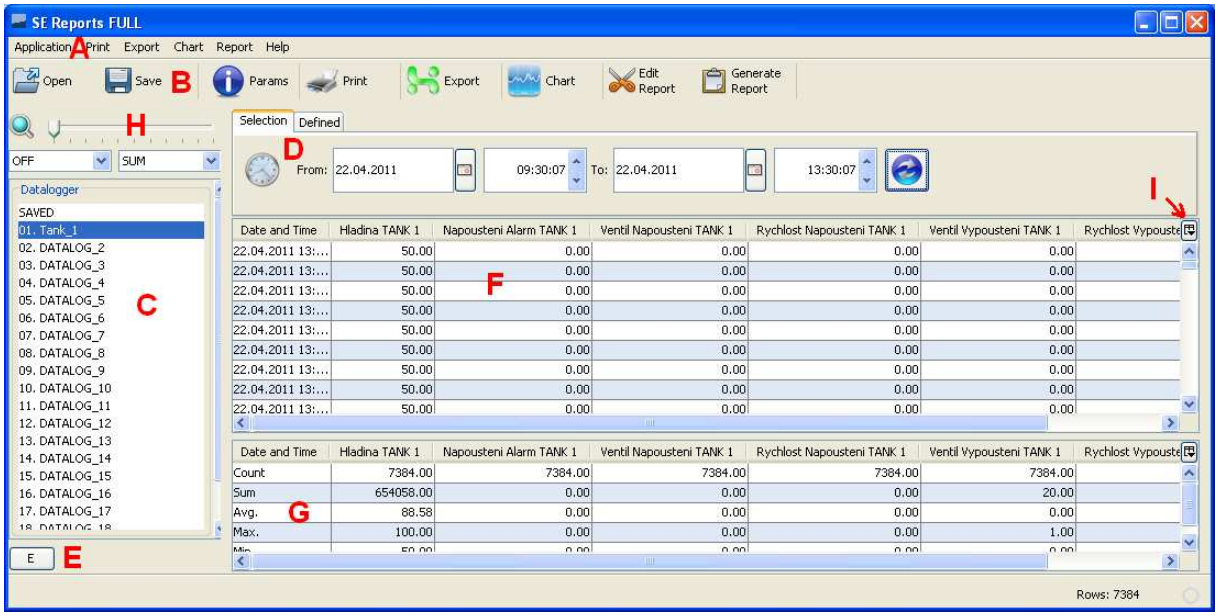
User Id	this is the user name to connect to database
Password	password to connect to database
Confirm Password	enter password again

Parameters User Id and Password are dependent on your configuration of database- see installation of MS SQL Express database!

In tab "Tags In Model" select Tags you want to log in.
Save the datalogger.

7. PROGRAM HANDLING

This chapter describes basic components of program and explains the usage of each component. The main program window is separated into basic sections from **A** to **I**:



Section	Description
A	Main menu
B	Main toolbar
C	Datalogger selection
D	Data selection based on time or interval
E	Edit the Datalogger
F	Data table
G	Statistics table
H	Time zoom Function
I	Edit visible columns in the table

A Main menu

Main menu consist of these parts:

Application

Open	Open the saved data set
Save	Saves the data
Settings	Show settings window
Quit	Quit the program

Print

Data	Prints the data table
Statistics	Prints the statistics table

Export

Excel	Exports data into CSV (comma separated values), readable by MS Excel
Web Page	Exports data into HTML
Adobe PDF	Exports data into PDF

Charts

XY Chart	Shows XY chart
Type statistics	Show bar chart of Type statistics
Group statistics	Show bar chart of Group statistics
Sum statistics	Show bar chart for sums
Average statistics	Show bar chart for arithmetical averages
Chart min.	Show bar chart for minimums
Chart max.	Show bar chart for maximums

Report

Edit	Create or exit the report template
Generate	Generate report

Help

License	License information, an opportunity to enter another license file
Help	This help
About Application	about box

B Main toolbar

Selected, mostly used functions, are available on the main toolbar:

- Open
- Save
- Parameter – temporary parameters display
- Print
- Export
- Chart
- Report edit
- Generate Report

C Datalogger selection

This section is used for datalogger selection. All configured dataloggers are visible in this window. To select a datalogger simply click on its name. For details see chapter C. Datalogger Creation, Selection, Edit and Delete (p. 23).

D Data selection

The D control part is used for data selection based on date or interval. It has two main parts: selection based on user defined start and end date and selection based on predefined time intervals. For details see chapter Data Selection (p. 29).

E Edit datalogger

Use this button to add and edit an existing report. Details of the operation, see the chapter about selection and editing of the report (p. 23).

F Data table

In this table, you see actual data. Select display data according to time period or using built-in period should be made in Part D. The format of displayed data set for each report separately. The appearance of the table can be changed in program settings (see chapter Program Settings - page 52).

G Statistics table

In this table, you see statistics data. For individual tags can display the number of records, the total sum, minimum, maximum and arithmetic average. The number and format of the displayed data set for each report separately. The appearance of the table can be changed in program settings (see chapter Program Settings - page 52).

H Time zoom function

With Time ZOOM function you can see your records grouped by a selected time interval. This way, you can look at your production based on shift, day, month or at opposite site go down to 1 minute inspection. Just slide the ruler to see the result immediately.

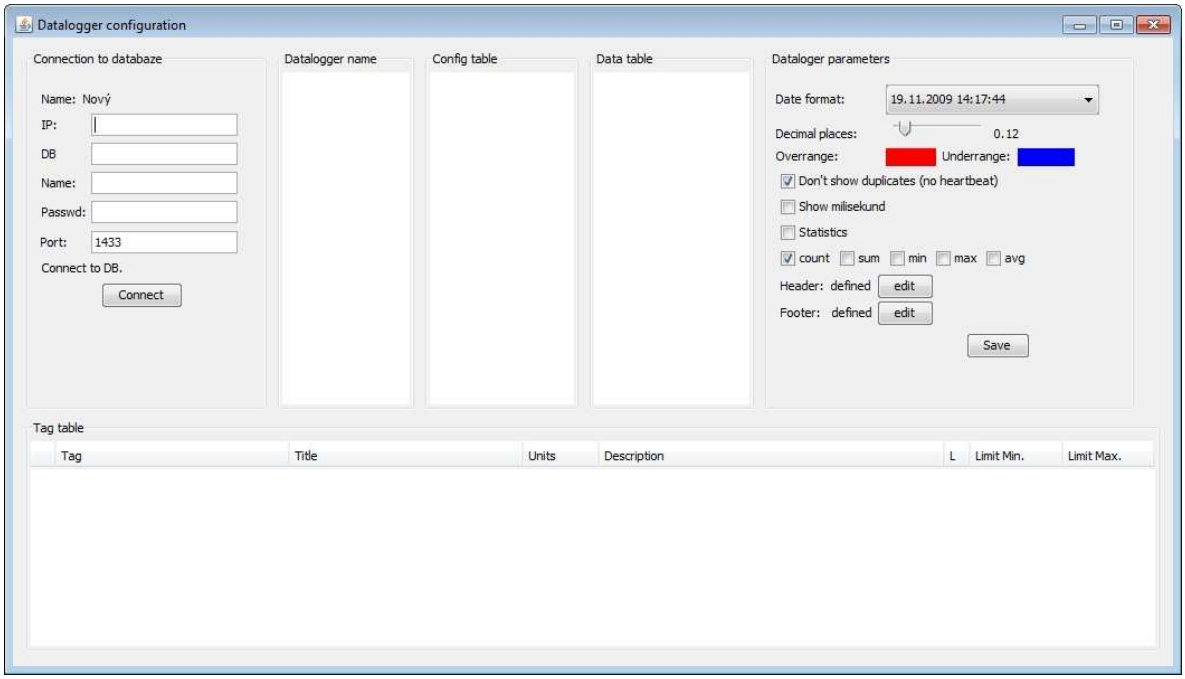
I Setting the table

This function is used to temporarily adjust the screen image table (see Table settings - page 36).

8. NEW TREND CREATION

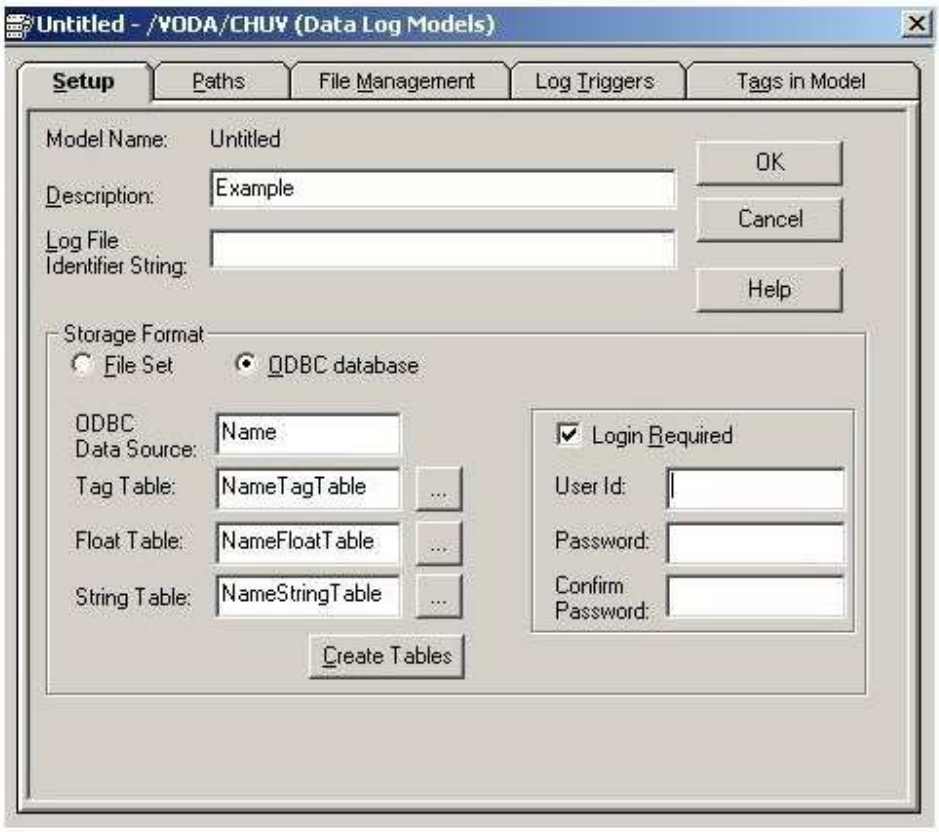
(for SE Reports FT Version only)

To create new trend, click on the "+" button in a lower left side of the main window. New window is shown:



1. First, fill the section "Connection to database":
   - IP - insert IP address or name of the server where database is installed
   - DB - insert database name
   - Name - insert user name to connect to database
   - Passwd - insert password
   - Port - you do not have to change this value for standard situations then click “Connect”.

2. After successful connection, select the "Datalogger name". After this selection, the "Config table" and the "Data table" are selected automatically. If you changed the standard values in the trend creation in RS View, you can change the "Config table" or "Data table" to desired values. Following section describes how the RS View Trend is related to this values:



Datalogger name	ODBC Data Source (Name)
Config table	Tag Table (NameTagTable)
Data table	Float Table (NameFloatTable)

1. In the window "Datalogger parameters" set desired values:

Parameter	Description
Data	data are in number format
String	data in text format
Date format	specify format of dates
Decimal places	number of shown decimal places
Over-range	color of highlight for over-range values
Under-range	color of highlight for Under-range values
Don't show duplicates (no heartbeat)	for duplicate rows, show only one entry
show millisecond	in time, show millisecond values
Statistics (count, sum, minimum, maximum and average)	when enabled, the statistics is shown for enabled statistics
Header	click "edit" to set standard header for report
Footer	click "edit" to set standard footer for report

2. Finally, specify which tags to show by selecting each tag and specify its parameters:

   Title
   Units
   Description

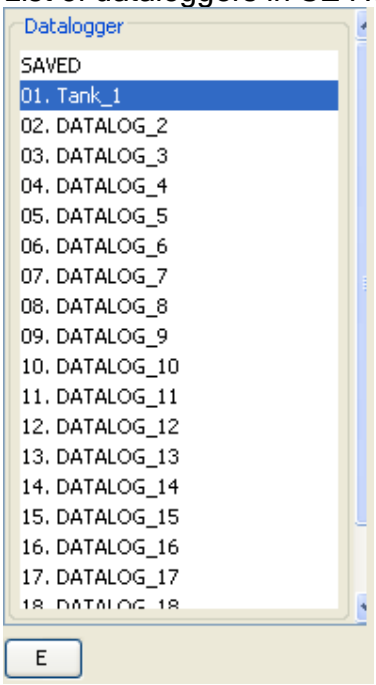
   If you need to set up the limits for given tag, select the L and then fill the minimum and maximum value for limits.

3. Finally, hit the "Save" button and fill the datalogger name.

9. C. DATALOGGER CREATION, SELECTION, EDIT AND DELETE

Selection
For datalogger selection, use the list of dataloggers located in the left part of the main window.

List of dataloggers in SE Reports Logger Version:



Selection is done by clicking on the name of datalogger. First item in the list "FROM FILE" is chosen automatically when you load historical data.
When you click on the datalogger name, program reads the parameters of the datalogger and connects to database. Then you can retrieve data.

Edit existing Datalogger
To change parameters of existing datalogger, click on the name of the datalogger and hit the "E" button. New window showing all parameters of your datalogger is shown. Info about configuring dataloggers is in the section New Trend Creation.

For SE Reports FT Version:

Adding a Datalogger
Click the "+" button located in the lower left corner to create a new Datalogger. Info about configuring dataloggers is in the section New Trend Creation.

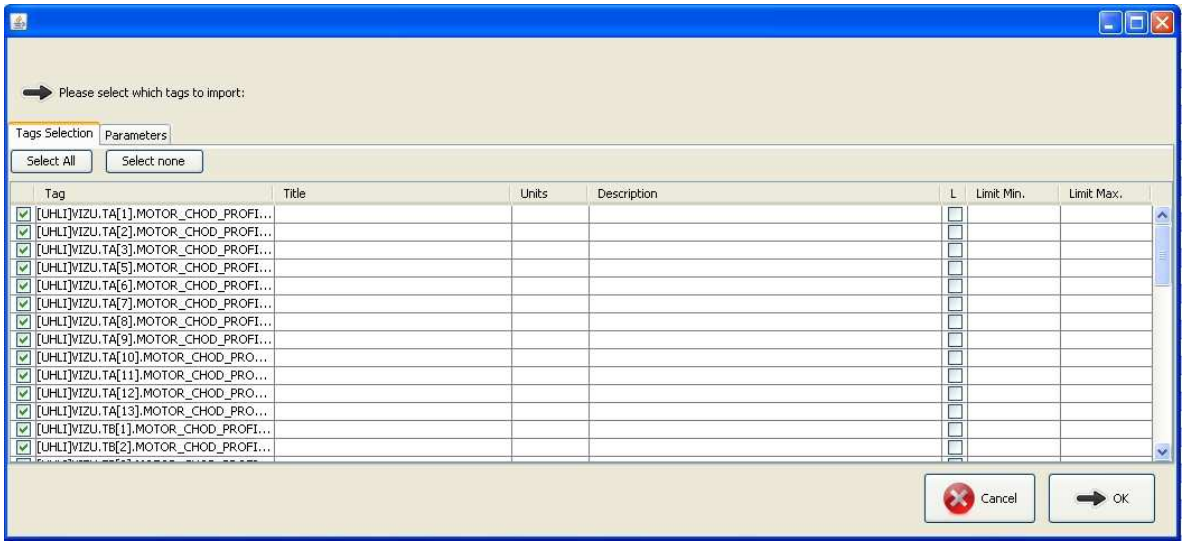
List of dataloggers in SE Reports FT Version

Datalogger Delete

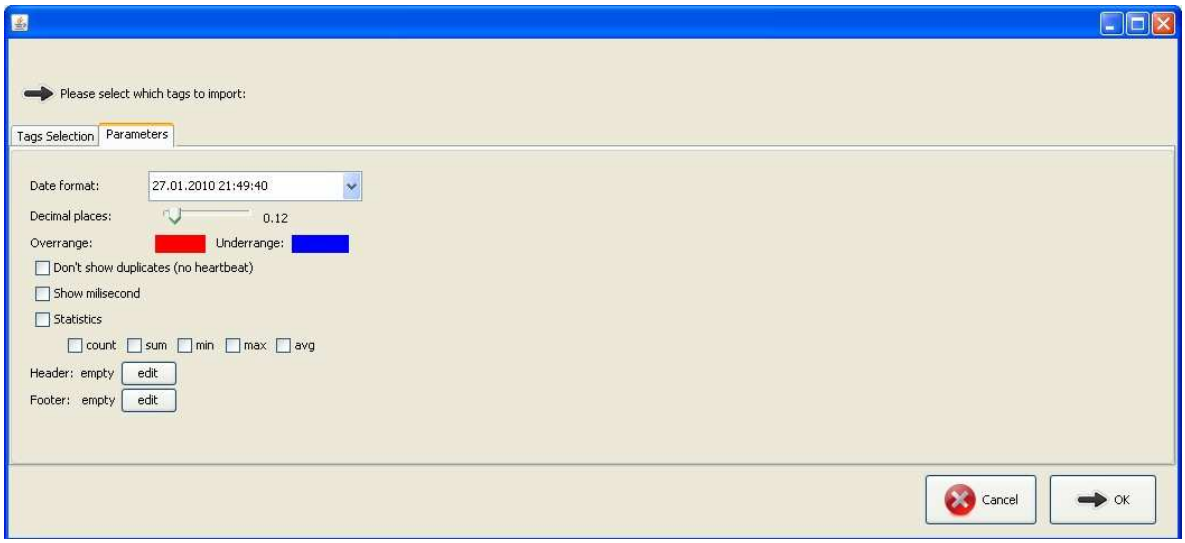
Click on the name of Datalogger you want to delete and hit the "'-" button located in the bottom of the window.

10. IMPORT

(for SE Reports FT Version only)



Select Tags you want to import. If needed, fill in the parameters: Title, Units, Description. To highligh out of limits data, please, check the L (limit) box and fill in the values for minimum and maximum. You can also specify other options in the "Parameters" section.



You can change following parameters:

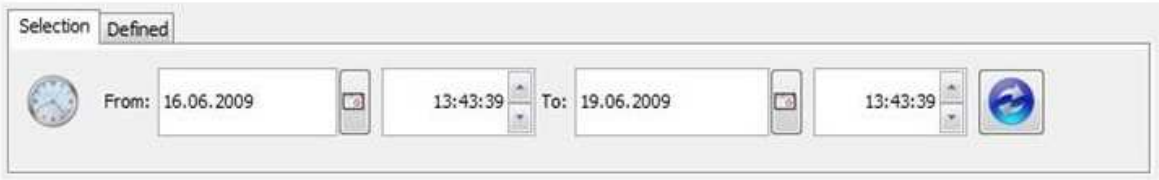
Parameter	Description
Date format	specify format of dates
Decimal places	number of shown decimal places
Over-range	color of highlight for over-range values
Under-range	color of highlight for Under-range values
Don't show duplicates (no heartbeat)	for duplicate rows, show only one entry
show millisecond	in time, show millisecond values
Statistics (count, sum, minimum, maximum and average)	when enabled, the statistics is shown for enabled statistics
Header	click "edit" to set standard header for report
Footer	click "edit" to set standard footer for report

When you are done, hit the "OK" button to start import.

11. D. DATA SELECTION

The D control part is used for data selection based on date or interval. It has two main parts: selection based on user defined start and end date and selection based on predefined time intervals.

1. Selected start and end time and date:



To use, fill in the date and time From: to To: and hit the button with the arrow to show the data.

2. Predefined time intervals:

Using the predefined time intervals, you can with one click show data for most common situations. Actual time interval is highlighted by red color.

You have several options how to use this component:

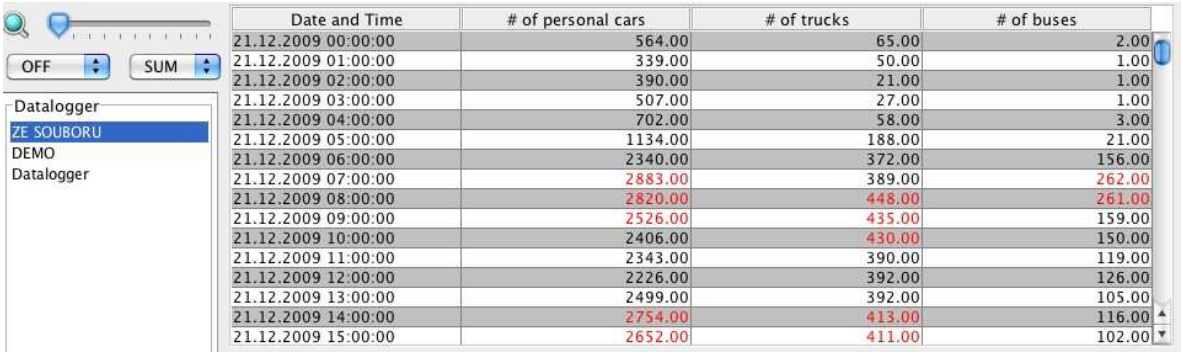
a) **selection of last n records:**
   For selection of last 10 to 1000 records, move the slider on a left side to desired number and hit the button with the arrow below the slider.
b) **on-line view of last hour, day, week or month**
   To see records for the last hour, day, week or month, click by the left mouse button on the corresponding button and hit the rightmost button with the arrow
c) **view of the last finished hour, day, week or month**
   To see records for the last finished hour, day, week or month, click by the left mouse button on the corresponding button and hit the rightmost button with the arrow.
d) **moving in history**
   You can move in history by clicking the left or right arrow. Each click will move you in history by predefined value (hour, day, week or month). To see the data, hit the rightmost button with the arrow.

12. H. TIME ZOOM FUNCTION

TIME ZOOM function is a unique function designed to enable achieve simple, but very powerfull statistics from your field data. With Time ZOOM function you can see your records grouped by a selected time interval. This way, you can look at your production based on shift, day, month or going at opposite direction to inspect short time data up to 1 minute precision. Just slide the ruler to see the result immediately. Data are computed based on selected function (SUM, AVERAGE, MINIMUN, MAXIMUM, COUNT).

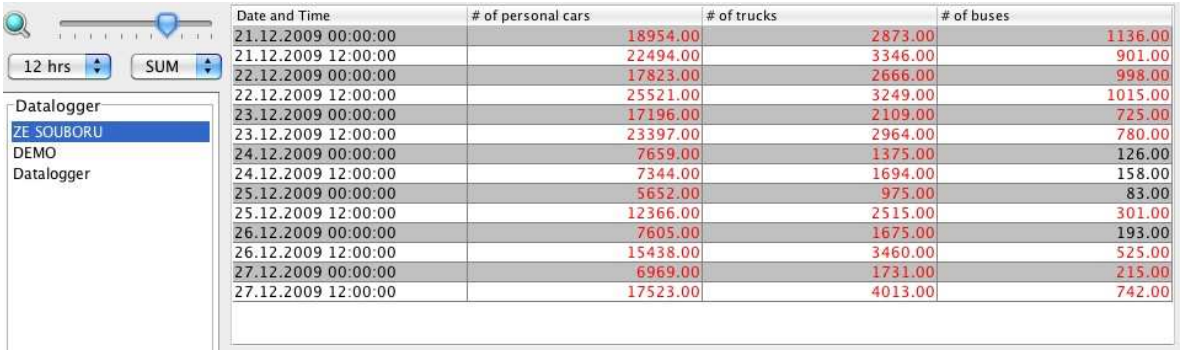
Time Zoom on Data Tables

Time ZOOM OFF



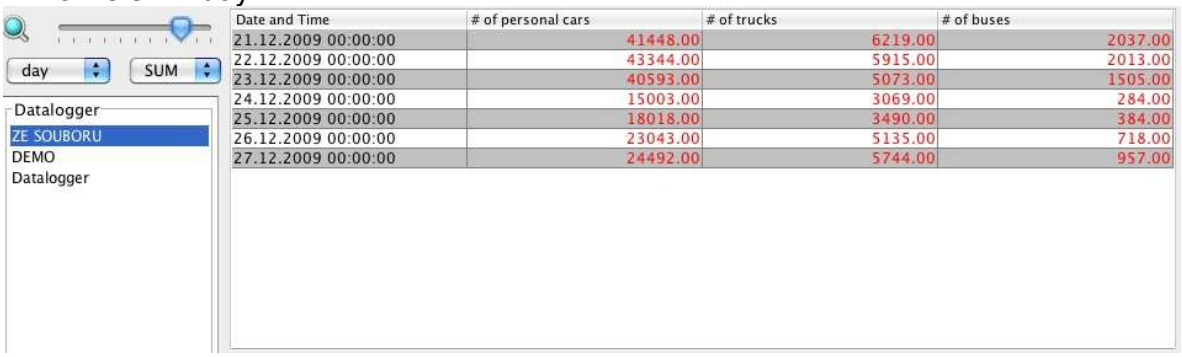
Date and Time	# of personal cars	# of trucks	# of buses
21.12.2009 00:00:00	564.00	65.00	2.00
21.12.2009 01:00:00	339.00	50.00	1.00
21.12.2009 02:00:00	390.00	21.00	1.00
21.12.2009 03:00:00	507.00	27.00	1.00
21.12.2009 04:00:00	702.00	58.00	3.00
21.12.2009 05:00:00	1134.00	188.00	21.00
21.12.2009 06:00:00	2340.00	372.00	156.00
21.12.2009 07:00:00	2883.00	389.00	262.00
21.12.2009 08:00:00	2820.00	448.00	261.00
21.12.2009 09:00:00	2526.00	435.00	159.00
21.12.2009 10:00:00	2406.00	430.00	150.00
21.12.2009 11:00:00	2343.00	390.00	119.00
21.12.2009 12:00:00	2226.00	392.00	126.00
21.12.2009 13:00:00	2499.00	392.00	105.00
21.12.2009 14:00:00	2754.00	413.00	116.00
21.12.2009 15:00:00	2652.00	411.00	102.00

Time ZOOM 12hours



Date and Time	# of personal cars	# of trucks	# of buses
21.12.2009 00:00:00	18954.00	2873.00	1136.00
21.12.2009 12:00:00	22494.00	3346.00	901.00
22.12.2009 00:00:00	17823.00	2666.00	998.00
22.12.2009 12:00:00	25521.00	3249.00	1015.00
23.12.2009 00:00:00	17196.00	2109.00	725.00
23.12.2009 12:00:00	23397.00	2964.00	780.00
24.12.2009 00:00:00	7659.00	1375.00	126.00
24.12.2009 12:00:00	7344.00	1694.00	158.00
25.12.2009 00:00:00	5652.00	975.00	83.00
25.12.2009 12:00:00	12366.00	2515.00	301.00
26.12.2009 00:00:00	7605.00	1675.00	193.00
26.12.2009 12:00:00	15438.00	3460.00	525.00
27.12.2009 00:00:00	6969.00	1731.00	215.00
27.12.2009 12:00:00	17523.00	4013.00	742.00

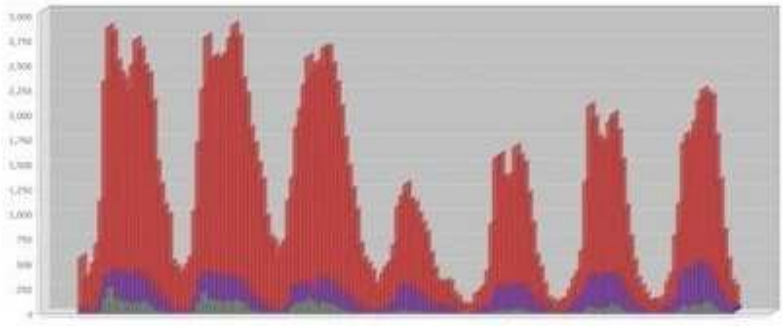
Time ZOOM 1day



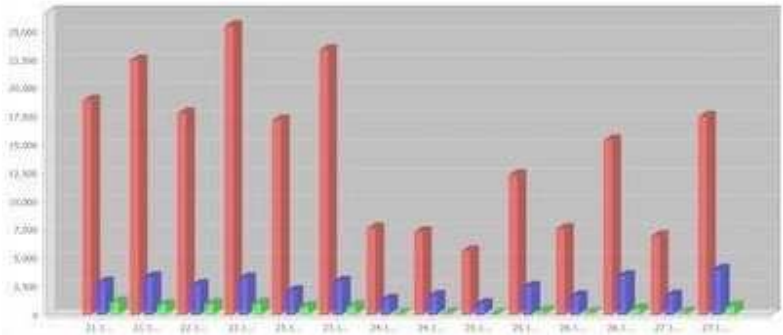
Date and Time	# of personal cars	# of trucks	# of buses
21.12.2009 00:00:00	41448.00	6219.00	2037.00
22.12.2009 00:00:00	43344.00	5915.00	2013.00
23.12.2009 00:00:00	40593.00	5073.00	1505.00
24.12.2009 00:00:00	15003.00	3069.00	284.00
25.12.2009 00:00:00	18018.00	3490.00	384.00
26.12.2009 00:00:00	23043.00	5135.00	718.00
27.12.2009 00:00:00	24492.00	5744.00	957.00

Time Zoom on Charts

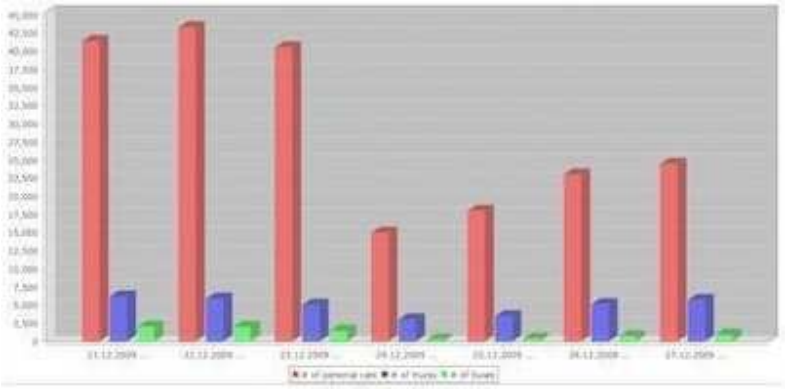
Time ZOOM OFF



Time ZOOM 12 hours

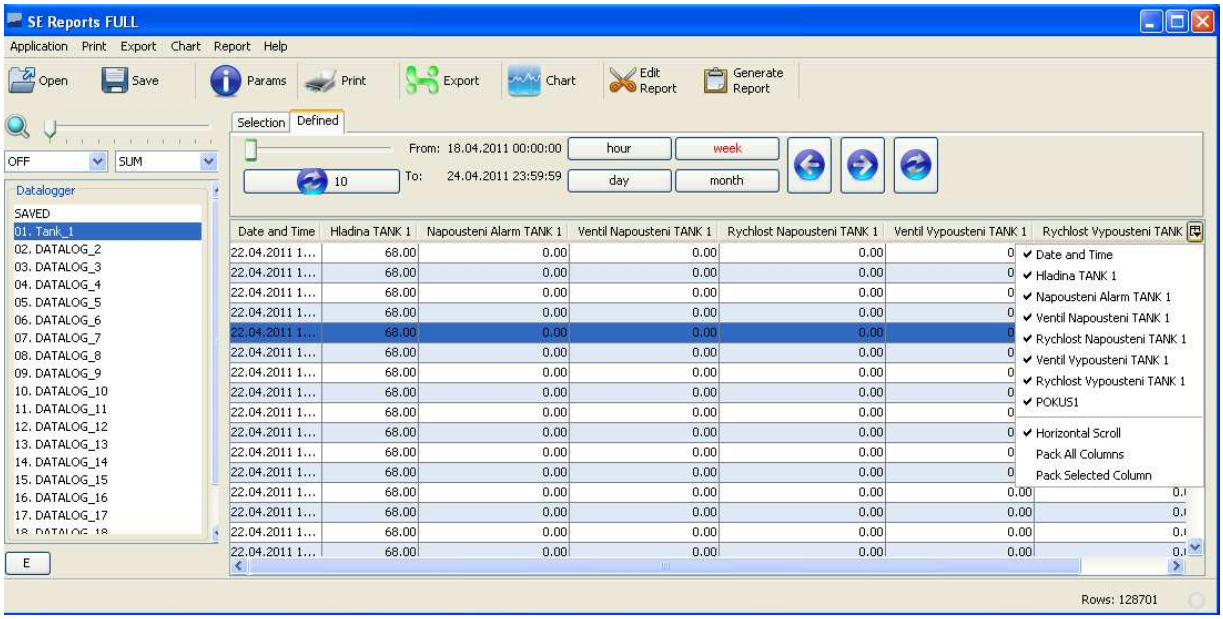


Time ZOOM 1 day



13. I TABLE SETTINGS

This function is for temporary adjustment of the table. Click on the icon , located in the upper right corner of the table table.



You can hide or show table columns by selecting them in the menu. Selections are shown in the table, and vice versa.This way you can temporarily hide and show columns without having to edit the datalogger.
If the number of columns in the table is too large, the table is often condensed and illegible. For a better readability you can turn on the **Horizontal Scrollbar**. Columns will adjust the content and at the bottom of the scroll bar will appear. Now, you can move around the table in its full width.

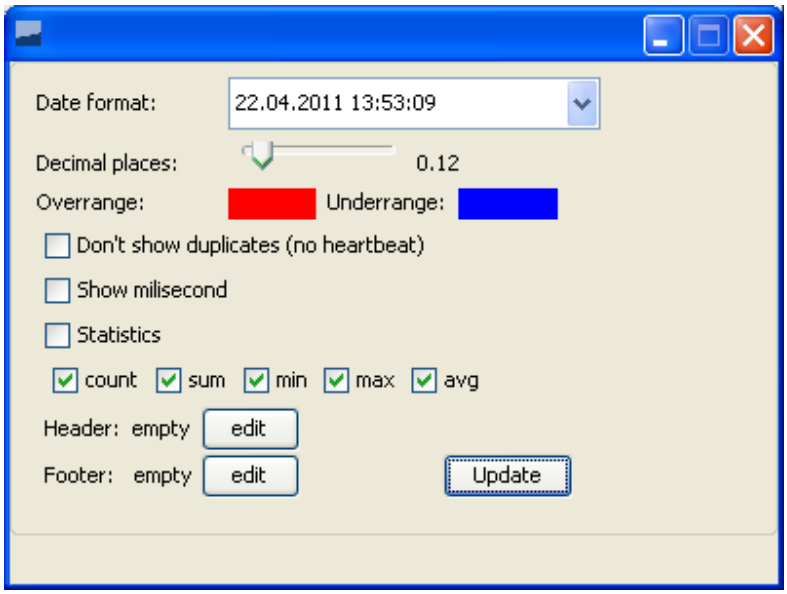
Function **Fit all columns** is used to adjust the layout of columns in a table so that they are all readable.

The table can be sorted by the contents of each column in ascending or descending order. Click on the column header will change the sort order, actual sort order is marked by an arrow. Function **Fit Active column** adjusts appropriately width of selected column.

14. REPORT PARAMETERS

SE Reports Logger Version only.
The configuration of SE Reports FT Version is described later on in this chapter.

In the window Report parameters, set the desired view. This setting is only temporary.

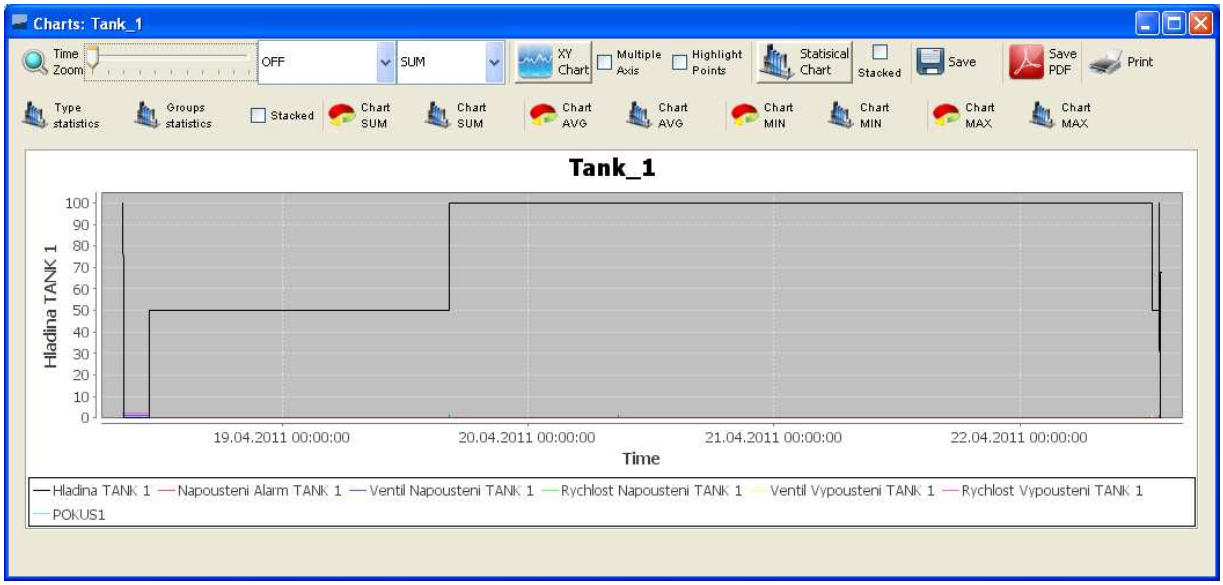


Date format	specify format of dates
Decimal places	number of shown decimal places
Over-range	color of highlight for over-range values
Under-range	color of highlight for under-range values
Don´t show duplicates (no heartbeat)	for duplicate rows, show only one entry
Show millisecond	in time, show millisecond values
Statistics (count, sum, minimum, maximum and average)	when enabled, the statistics is shown for enabled statistics
number	shows the number of records
sum	shows the total amount
min	shows the minimum
max	shows the maximum
avg	shows the average value
Header	click „edit“ to set standard header for report
Footer	click „edit“ to set standard footer for report

When you are done, hit the "OK" button to start import .

15. CHARTS

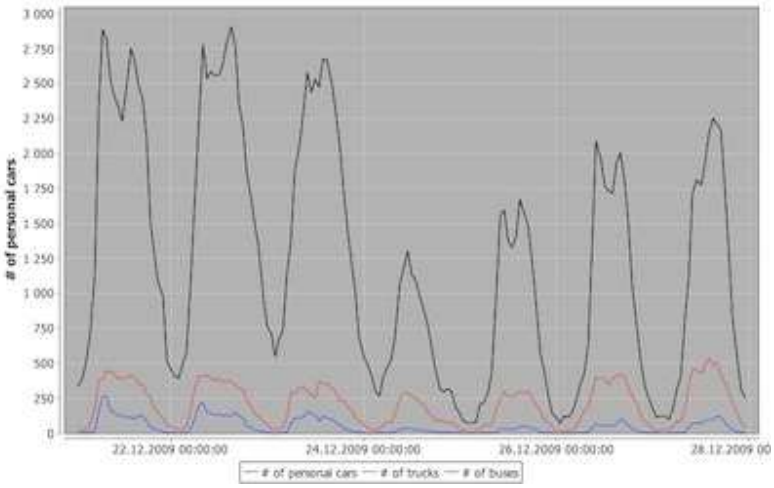
You can create complex charts from data with single button push. Just click in the main window toolbar on the "Chart" button. New window is shown.



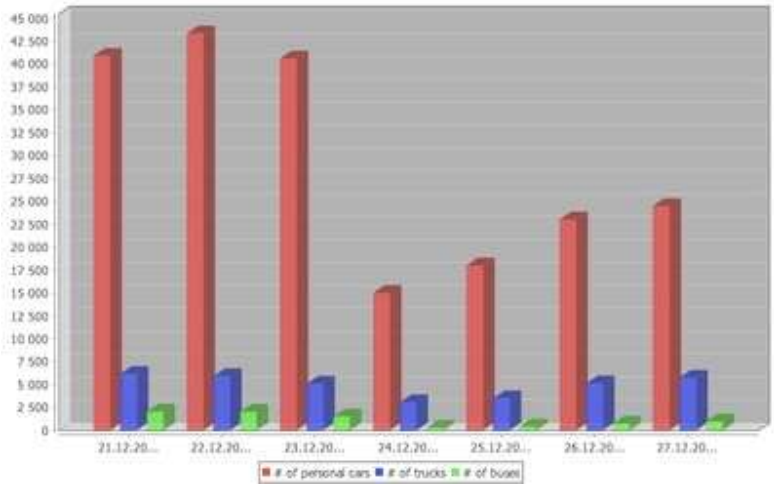
This will generate data for charts and graphs to display the window:
By default, the values on the vertical axis of the highest minimum and highest maximum of all observed tags.

You can choose among 4 different categories of charts:

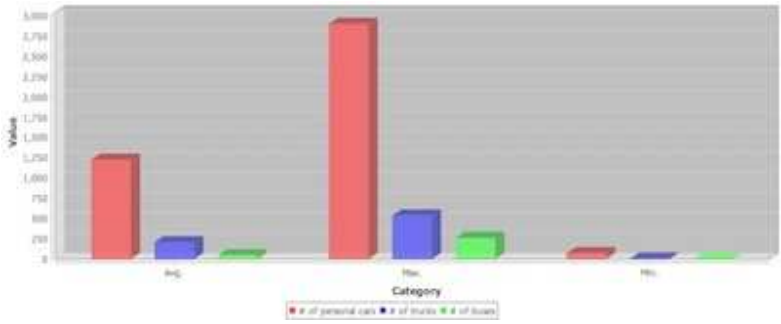
1. XY Charts



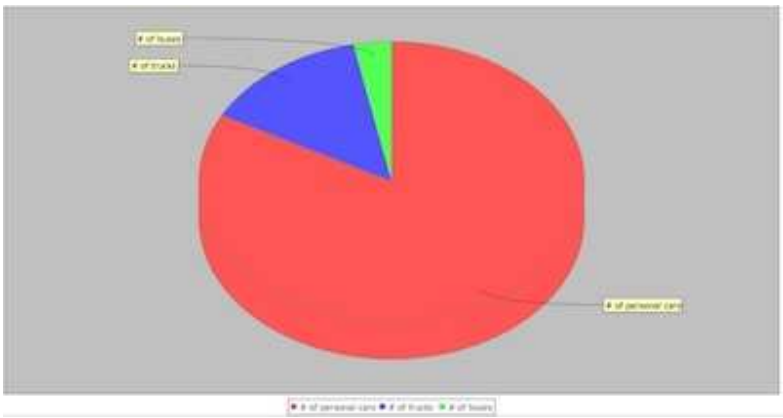
2. Statistical Charts



3. Statistical charts of types or groups



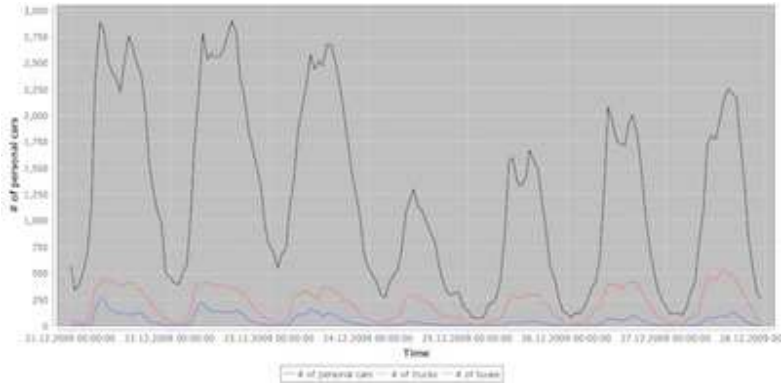
4. Statistical charts of min, max, avg, sum



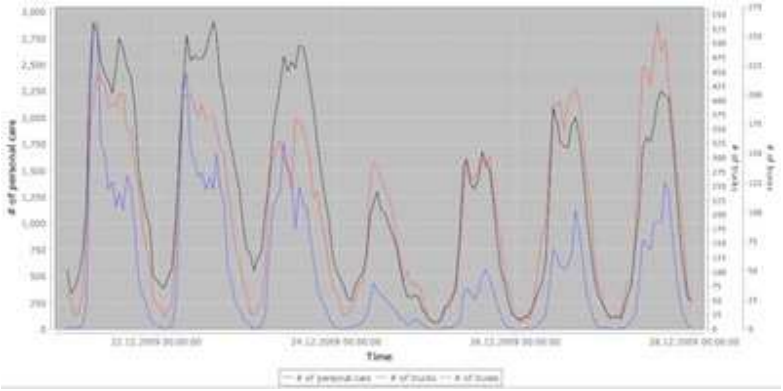
For XY Charts and Statistical charts, you can use the TIME ZOOM function. Just drug the slider on top left side of window to select appropriate time interval. Then using a combo box select desired function (SUM, AVG, MAX, MIN, COUNT). Finally hit the XY Chart or Statistical chart button to see your result.

XY Charts:
You can draw plain chart, or select multiple axis chart. If you want to see the value of the tag alone, check the "Single axis" and click on "XY Chart". Select "View Points" to view the items in the chart that indicate the time when the measured value.

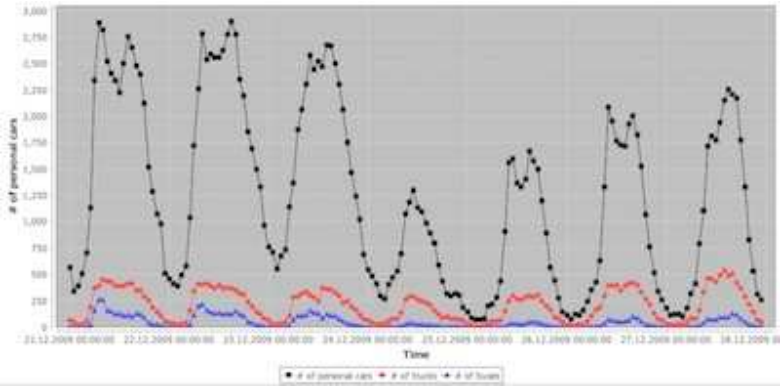
Plain chart



Single Axis



View Points



Statistical charts:
For statistical charts are used time-zoom function for optimal statistics. Select "Stacked" to display data in a compact form.

Chart with TIME ZOOM OFF

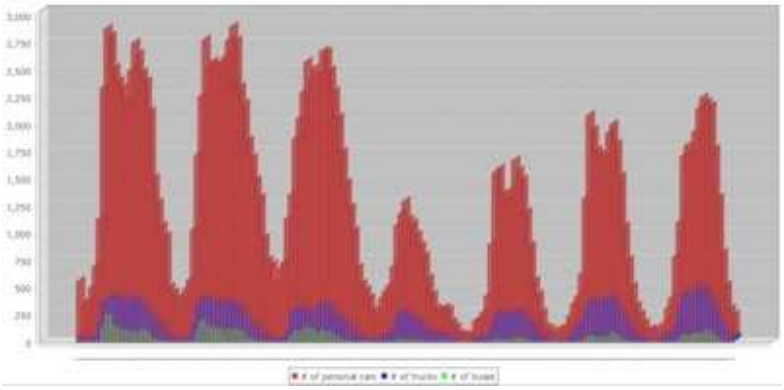


Chart with TIME ZOOM=1 day

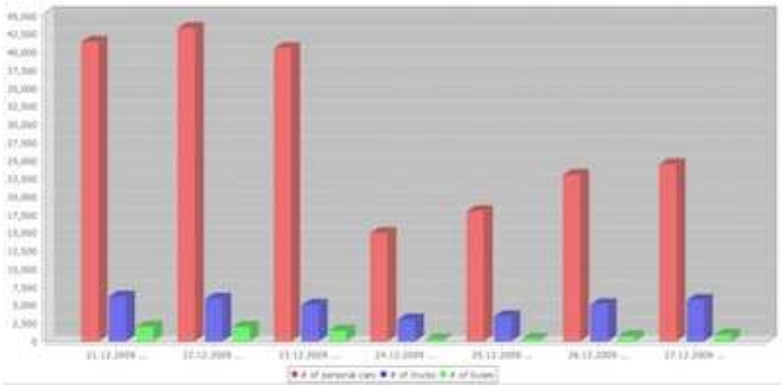
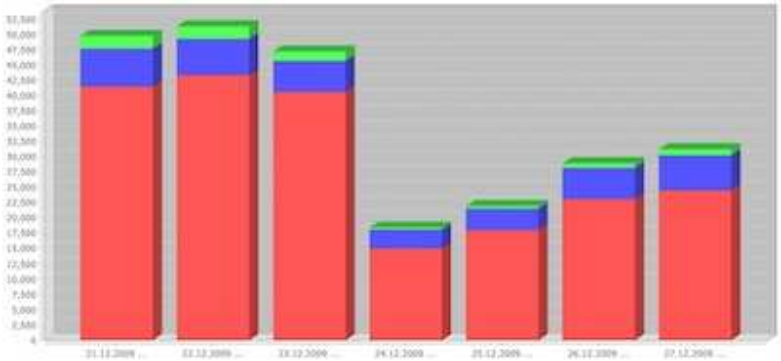
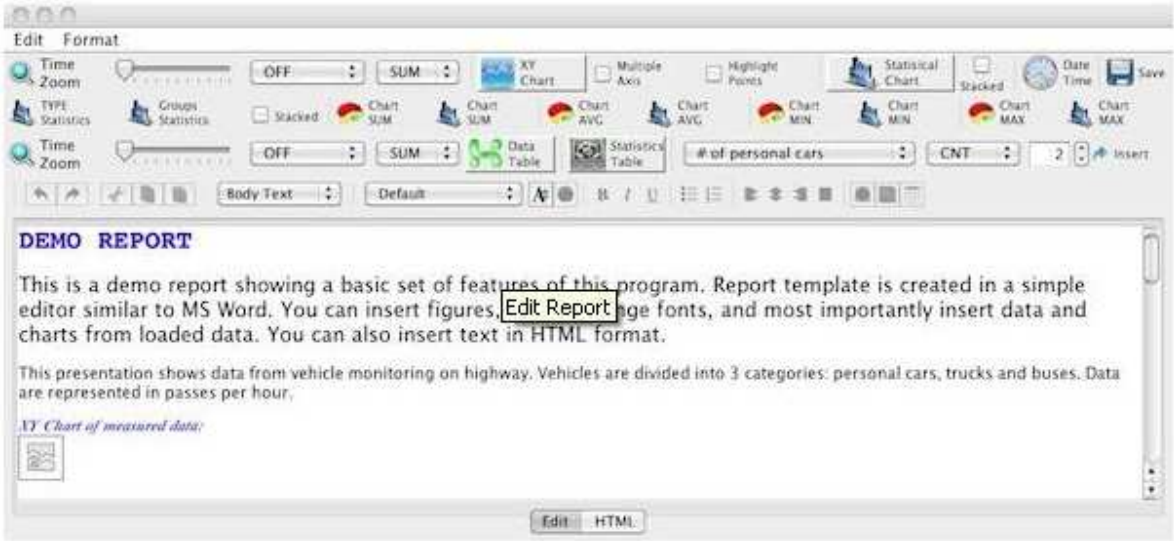


Chart with TIME ZOOM=1 day, Stacked



16. REPORT TEMPLATES CREATION

The report editor window is shown, enabling you to create or edit the report template. This template is then used for generation of report. Report is saved in general HTML format, so it can be used directly on a web pages. Editor is very similar to simple Word application, so it is easy to use and create rich reports.
To create new, or edit existing report click in the main window toolbar on the button "Report Edit". After making your changes, click the "Save" button to save your report template.


Edit Format
DEMO REPORT
This is a demo report showing a basic set of features of this program. Report template is created in a simple editor similar to MS Word. You can insert figures, change fonts, and most importantly insert data and charts from loaded data. You can also insert text in HTML format.
Edit Report
This presentation shows data from vehicle monitoring on highway. Vehicles are divided into 3 categories: personal cars, trucks and buses. Data are represented in passes per hour.
XY Chart of measured data:
Edit
HTML

16.1. Description of components

First 3 rows are used to insert data generated from trends. Actually, first two rows are same as you are used to from "Chart window". Last row is used for text formatting and picture and table insertion. Description of fields follows:

1st row: Charts with time functions, date and time functions, and save report

Button	Description
Time Zoom	This section controls the Time Zoom function. You can select time period and corresponding function.
XY Chart	Insert into report XY Chart based on your Time Zoom settings.
Multiple Axis	Enables the multiple axis for XY Chart
Highlight Points	Highlight Points in XY Chart
Statistical Chart	Insert into report Statistical Chart based on your Time Zoom settings.
Date and Time	Inserts into your report Date relevant data
Save	Saves the report

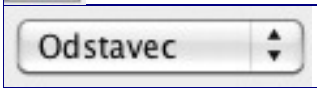
2nd row: Statistical Charts

Button	Description
Type statistics	Insert into report statistical chart based on type.
Groups Statistics	Insert into report statistical chart grouped by corresponding trend pens.
Chart SUM PIE	Insert into report statistical PIE chart of sums.
Chart SUM BAR	Insert into report statistical BAR chart of sums.
Chart AVG PIE	Insert into report statistical PIE chart of averages.
Chart AVGBAR	Insert into report statistical BAR chart of averages.
Chart MIN PIE	Insert into report statistical PIE chart of achieved minimums.
Chart MIN BAR	Insert into report statistical BAR chart of achieved minimums.
Chart MAX PIE	Insert into report statistical PIE chart of achieved maximums.
Chart MAX BAR	Insert into report statistical BAR chart of achieved maximums.

Insert Image - inserts an image selected from the menu
Graf, the editing may not render correctly. This is not a bug, but the editing is read only the first 100 entries.

3rd row: Data and Statistics Tables, Statistical Tags:
By pressing "DATA TABLE" button, you can insert DATA table into the report. You can use the Time Zoom function.
By pressing "STATISTICS TABLE", you can insert Statistics table into the report. Following section enables to insert arbitrary value of statistics for any tag. Firstly, select the tag, and then the function (CNT, AVG, SUM, MIN, MAX). After that, specify the number of decimal places and hit the "Insert" button.

4th row: Formatting:

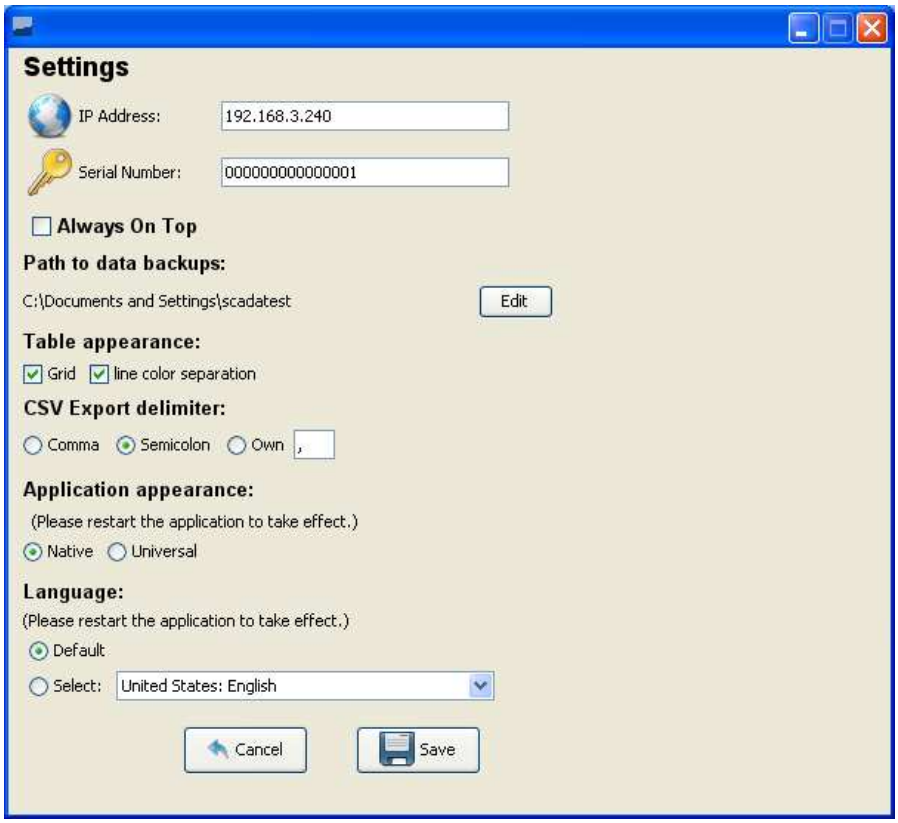
Button	Description
	back
	repeat
	cut
	copy
	insert
	text format
	font
	text size
	text color
	font bold
	font italic
	font strike
	bullets
	numbering
	align left
	align centre
	align right
	align compact

	insert hypertext string
	insert picture
	insert table

17. PROGRAM SETTINGS

Window "Settings" can be activated from the main window menu "Application" -> "Settings".

Following window is shown:



Description of items:

Parameter	Description
IP Address	The IP address of the SE Logger Unit
Serial Number	SE Logger serial number
Always on top	Application is shown always above other windows. This is quite useful when using on the machines with visualization running.
Path to data backups	Select a directory, where all backups will be stored.
Table appearance	Grid: enabled shows the grid for all table cells Line color separation: optically separates the individual rows by mixing the white with light gray background
Application appearance	Native: application is shown as any other application on a given computer Universal: application is shown in universal Look and Feel, enabling the same visual appearance on any computer. You must restart the application to activate this option.
Language	Language selection. By default, the language is automatically selected based on the language of your operating system. You can manually change the language by selecting the preferred language from the combo box. You must restart the application to activate this option.